

PATENT OF INVENTION

Urate oxidase activity protein, recombinant gene coding therefor, expression vector, micro-organisms and transformed cells.

Société Anonyme dite : SANOFI

ABSTRACT OF DISCLOSURE

The invention concerns a new urate oxidase activity protein which has the following sequence :

Ser Ala Val Lys Ala Ala Arg Tyr Gly Lys Asp Asn Val Arg Val Tyr Lys Val His Lys Asp Glu Lys Thr Gly Val Gln Thr Val Tyr Glu Met Thr Val Cys Val Leu Leu Glu Gly Glu Ile Glu Thr Ser Tyr Thr Lys Ala Asp Asn Ser Val Ile Val Ala Thr Asp Ser Ile Lys Asn Thr Ile Tyr Ile Thr Ala Lys Gln Asn Pro Val Thr Pro Pro Glu Leu Phe Gly Ser Ile Leu Gly Thr His Phe Ile Glu Lys Tyr Asn His Ile His Ala Ala His Val Asn Ile Val Cys His Arg Trp Thr Arg Met Asp Ile Asp Gly Lys Pro His Pro His Ser Phe Ile Arg Asp Ser Glu Glu Lys Arg Asn Val Gln Val Asp Val Val Glu Gly Lys Gly Ile Asp Ile Lys Ser Ser Leu Ser Gly Leu Thr Val Leu Lys Ser Thr Asn Ser Gln Phe Trp Gly Phe Leu Arg Asp Glu Tyr Thr Thr Leu Lys Glu Thr Trp Asp Arg Ile Leu Ser Thr Asp Val Asp Ala Thr Trp Gln Trp Lys Asn Phe Ser Gly Leu Gln Glu Val Arg Ser His Val Pro Lys Phe Asp Ala Thr Trp Ala Thr Ala Arg Glu Val Thr Leu Lys Thr Phe Ala Glu Asp Asn Ser Ala Ser Val Gln Ala Thr Met Tyr Lys Met Ala Glu Gln Ile Leu Ala Arg Gln Gln Leu Ile Glu Thr Val Glu Tyr Ser Leu Pro Asn Lys His Tyr Phe Glu Ile Asp Leu Ser Trp His Lys Gly Leu Gln Asn Thr Gly Lys Asn Ala Glu Val Phe Ala Pro Gln Ser Asp Pro Asn Gly Leu Ile Lys Cys Thr Val Gly Arg Ser Ser Leu Lys Ser Lys Leu
optionally preceded by a methionine, or in that it may present a degree of substantial homology with this sequence.

The invention is also aimed at medicines containing this protein as well as the genetic engineering implements to obtain it.